

Title (en)

BATTERY APPARATUS FOR AN ELECTRICALLY DRIVEN VEHICLE

Title (de)

BATTERIEVORRICHTUNG FÜR EIN ELEKTRISCH ANGETRIEBENES FAHRZEUG

Title (fr)

DISPOSITIF DE BATTERIE POUR VÉHICULE À PROPULSION ÉLECTRIQUE

Publication

EP 3729535 B1 20211013 (DE)

Application

EP 18836814 A 20181219

Priority

- DE 102017223438 A 20171220
- EP 2018085923 W 20181219

Abstract (en)

[origin: WO2019121970A1] A battery apparatus (10) for an electrically driven vehicle, having at least one battery module (20) comprising a plurality of individual battery cells (22), wherein the battery module (20) has a module housing (24), which, for the purpose of regulating the temperature of the battery cells (22), is at least partly filled with temperature-regulating liquid and has a primary sealing apparatus (26) to prevent leakage of the temperature-regulating liquid from the module housing (24), wherein the battery module (20) is furthermore accommodated in a module space (32) of an enveloping housing (30), which has a secondary sealing apparatus (36) to prevent leakage of temperature-regulating liquid from the enveloping housing (30).

IPC 8 full level

H01M 10/6567 (2014.01); **H01M 50/166** (2021.01); **H01M 50/183** (2021.01); **H01M 50/20** (2021.01); **H01M 50/204** (2021.01);
H01M 50/231 (2021.01); **H01M 50/258** (2021.01); **H01M 50/271** (2021.01)

CPC (source: EP KR US)

H01M 10/625 (2015.04 - KR US); **H01M 10/6563** (2015.04 - KR); **H01M 10/6567** (2015.04 - EP KR US); **H01M 50/183** (2021.01 - KR);
H01M 50/204 (2021.01 - EP KR US); **H01M 50/231** (2021.01 - EP KR US); **H01M 50/24** (2021.01 - KR); **H01M 50/258** (2021.01 - EP KR);
H01M 50/26 (2021.01 - KR US); **H01M 50/271** (2021.01 - EP KR US); **H01M 2220/20** (2013.01 - KR); **Y02E 60/10** (2013.01 - EP KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102017223438 A1 20190627; CN 111492500 A 20200804; CN 111492500 B 20230321; EP 3729535 A1 20201028;
EP 3729535 B1 20211013; JP 2021508142 A 20210225; KR 20200118796 A 20201016; US 11855268 B2 20231226;
US 2020321667 A1 20201008; WO 2019121970 A1 20190627

DOCDB simple family (application)

DE 102017223438 A 20171220; CN 201880081733 A 20181219; EP 18836814 A 20181219; EP 2018085923 W 20181219;
JP 2020532752 A 20181219; KR 20207019730 A 20181219; US 201816956023 A 20181219